

# DISTRIBUTED PROCESSOR MODULES AND PERSISTENT STORAGE IN AN OPTICAL NETWORK

## ABSTRACT

5 In an optical network having a plurality of nodes, administrative information for one node  
is persistently stored at another node in the network. The network includes a first node having  
persistent storage memory for storing administrative information from a second node. The nodes  
communicate the administrative information over an optical signaling channel that travels on a  
path including one or more optical transmission media between the nodes.

10 Also described is an optical network having a plurality of nodes in which an  
11 administrative node processor module at a first node performs administrative control functions  
12 for a second node. Also described is a signaling channel module in each node that controls the  
13 communication or transfer of administrative information over the optical signaling channel.